ANNALS OF MATHEMATICS
Vol. 155, Nos. 1, 2, 3
(2002)

INDEX

ABDULALI, S. Hodge structures on abelian varieties of type III.....915–928
ALEXEEV, V. Complete moduli in the presence of semiabelian group action.....611–708
BADZIOCH, B. Algebraic theories in homotopy theory.....895–913
BUFETOV, A. I. Convergence of spherical averages for actions of free groups.....929–944
BUSHNELL, C. J. *See* Kim and Shahidi.
CAFFARELLI, L. A., JERISON, D., and KENIG, C. E. Some new monotonicity theorems with applications to free boundary problems.....369–404
COLLIOT-THÉLÈNE, J.-L. *See* Heath-Brown.
CHANG, S.-Y. A., GURSKY, M. J., and YANG, P. C. An equation of Monge-Ampère type in conformal geometry, and four-manifolds of positive Ricci curvature.....709–787
EKHOLM, T., WHITE, B., and WIENHOLTZ, D. Embeddedness of minimal surfaces with total boundary curvature at most 4π.....209–234
EREMENKO, A. and GABRIELOV, A. Rational functions with real critical points and the B. and M. Shapiro conjecture in real enumerative geometry.....105–129
EVERTSE, J.-H., SCHLICKEWEI, H. P., and SCHMIDT, W. M. Linear equations in variables which lie in a multiplicative group.....807–836
FORNI, G. Deviation of ergodic averages for area-preserving flows on surfaces of higher genus.....1–103
GABRIELOV, A. *See* Eremenko and Gabrielov.
GHOMI, M. Shadows and convexity of surfaces.....281–293
GRODAL, J. Higher limits via subgroup complexes.....405–457
GURSKY, M. J. *See* Chang, Gursky, and Yang.
HEATH-BROWN, D. R. The density of rational points on curves and surfaces (with an appendix by J.-L. Colliot-Thélène).....553–598
HENNIART, G. *See* Kim and Shahidi.

HUTCHINGS, M., MORGAN, F., RITORÉ, M., and ROS, A. Proof of the Double Bubble Conjecture 459–489
JERISON, D. *See* Caffarelli, Jerison, and Kenig.
KENIG, C. *See* Caffarelli, Jerison, and Kenig.
KIM, H. H. and SHAHIDI, F. Functorial products for $GL_2 \times GL_3$ and the symmetric cube for GL_2 (with an appendix by BUSHNELL, C. J. and HENNIART, G.) 837–893
KRAMMER, D. Braid groups are linear 131–156
KUMAR, S. and LITTELMANN, P. Algebraization of Frobenius splitting via quantum groups 491–551
LITTELMANN, P. *See* Kumar and Littelmann.
LONG, Y. and ZHU, C. Closed characteristics on compact convex hypersurfaces in $\mathbf{R}^{2n}$ 317–368
MAGYAR, A., STEIN, E. M., and WAINGER, S. Discrete analogues in harmonic analysis: Spherical averages 189–208
MARTEL, Y. and MERLE, F. Stability of blow-up profile and lower bounds for blow-up rate for the critical generalized KdV equation 235–280
MERLE, F. *See* Martel and Merle.
MILNE, J. S. Polarizations and Grothendieck's standard conjectures 599–610
MORGAN, F. *See* Hutchings, Morgan, Ritoré, and Ros.
ORTEGA-CERDÀ, J. and SEIP, K. Fourier frames 789–806
REINGOLD, O., VADHAN, S., and WIGDERSON, A. Entropy waves, the zig-zag graph product, and new constant-degree expanders .. 157–187
RITORÉ, M. *See* Hutchings, Morgan, Ritoré, and Ros.
ROS, A. *See* Hutchings, Morgan, Ritoré, and Ros.
SCHLICKEWEI, H. P. *See* Evertse, Schlickewei, and Schmidt.
SCHMIDT, W. M. *See* Evertse, Schlickewei, and Schmidt.
SEIP, K. *See* Ortega-Cerdà and Seip.
SHAHIDI, F. *See* Kim and Shahidi.
STEIN, E. M. *See* Magyar, Stein, and Wainger.
ULMER, D. Elliptic curves with large rank over function fields 295–315
VADHAN, S. *See* Reingold, Vadhan, and Wigderson.
WAINGER, S. *See* Magyar, Stein, and Wainger.
WHITE, B. *See* Ekholm, White, and Wienholtz.
WIENHOLTZ, D. *See* Ekholm, White, and Wienholtz.
WIGDERSON, A. *See* Reingold, Vadhan, and Wigderson.
YANG, P. C. *See* Chang, Gursky, and Yang.
ZHU, C. *See* Long and Zhu.